

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130145.D
 Acq On : 06 Sep 2022 19:14
 Operator : CG\JU
 Sample : N4437-02RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPERE

Quant Time: Sep 07 02:17:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

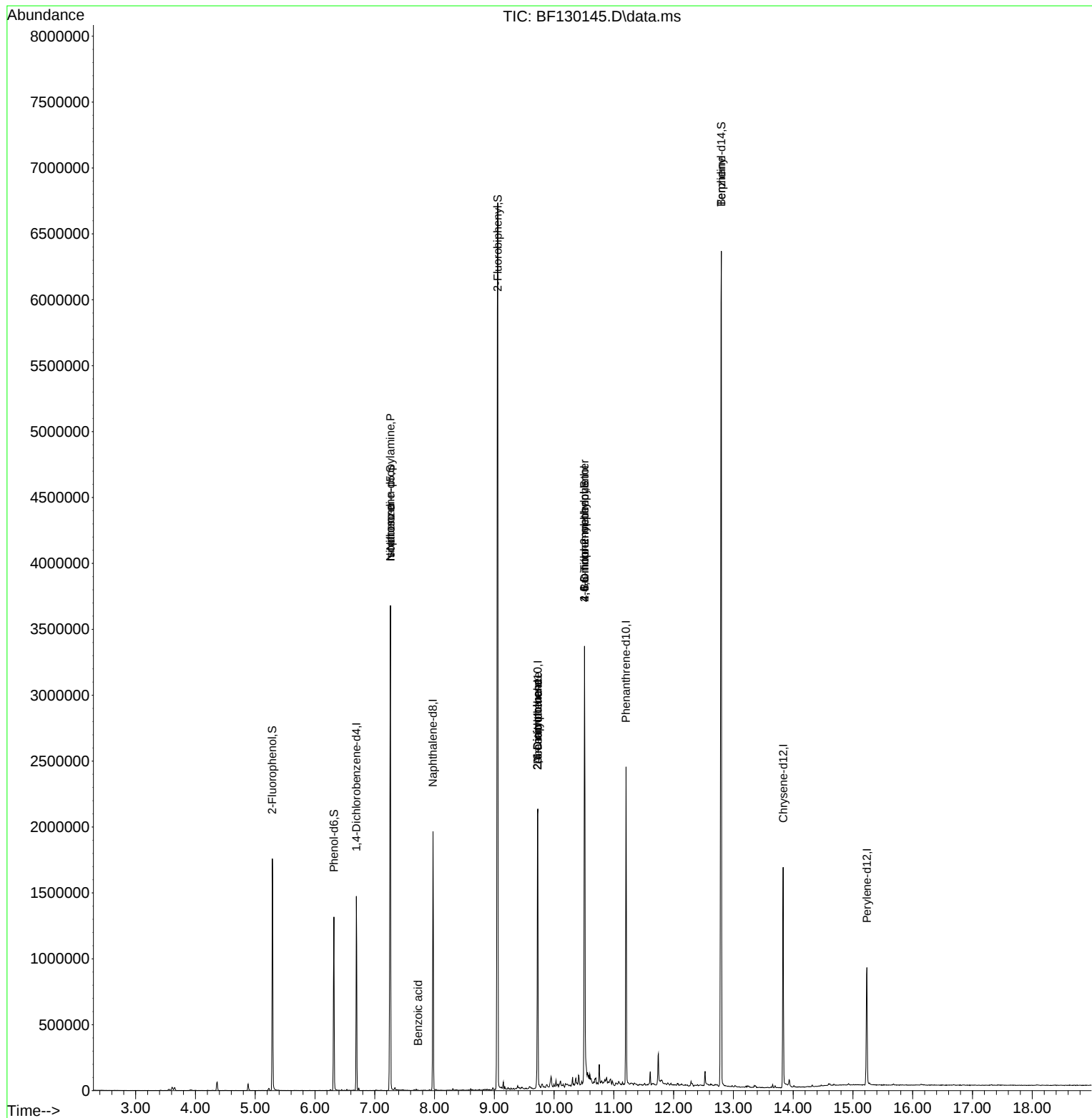
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	210002	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	839443	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	456239	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	782673	20.000	ng	0.00
76) Chrysene-d12	13.833	240	520779	20.000	ng	-0.01
86) Perylene-d12	15.233	264	376375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	511416	41.343	ng	-0.01
7) Phenol-d6	6.316	99	403351	26.154	ng	-0.02
23) Nitrobenzene-d5	7.263	82	1229107	94.098	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	414394	99.781	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2253104	81.877	ng	0.00
79) Terphenyl-d14	12.798	244	2419876	80.579	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	160310	17.255	ng	# 73
25) Isophorone	7.263	82	1223600	46.283	ng	# 65
32) Benzoic acid	7.728	122	76	6.579	ng	# 11
50) Dimethylphthalate	9.728	163	85310	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	61101	10.085	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	61101	8.759	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	968	6.310	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	25751	2.958	ng	# 1
77) Benzidine	12.798	184	33356	2.372	ng	# 93

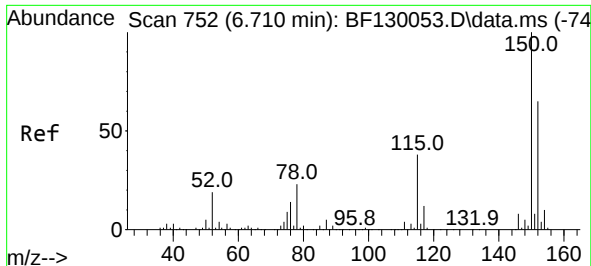
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 02:05:07 2022
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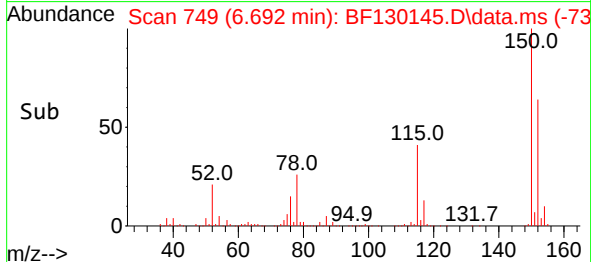
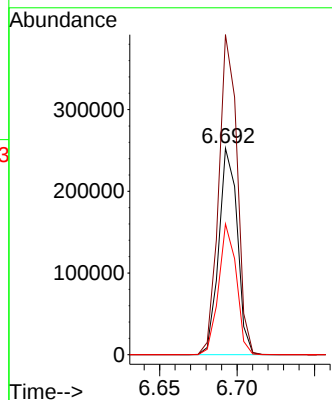
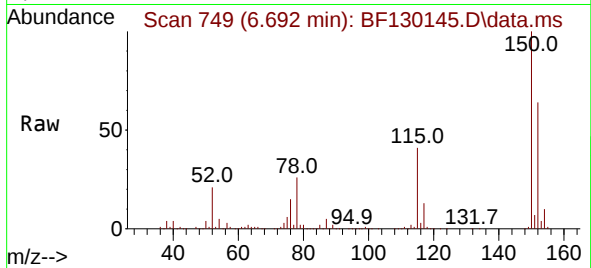




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130145.D
 Acq: 06 Sep 2022 19:14

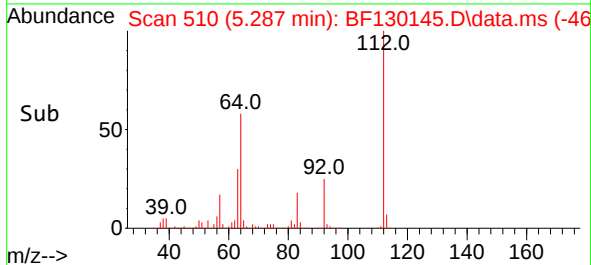
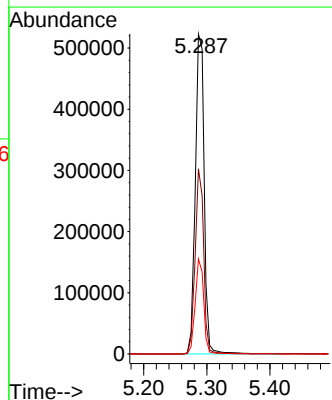
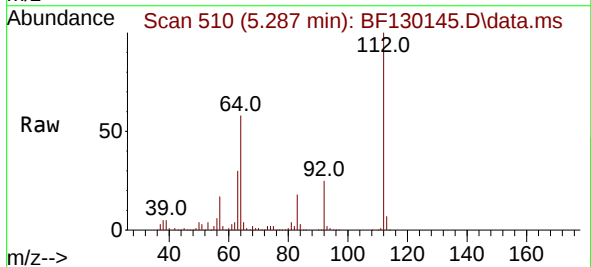
Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPERE

Tgt Ion:152 Resp: 210002
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 63.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 41.343 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130145.D
 Acq: 06 Sep 2022 19:14

Tgt Ion:112 Resp: 511416
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.6 71.4
 63 29.7 24.6 37.0

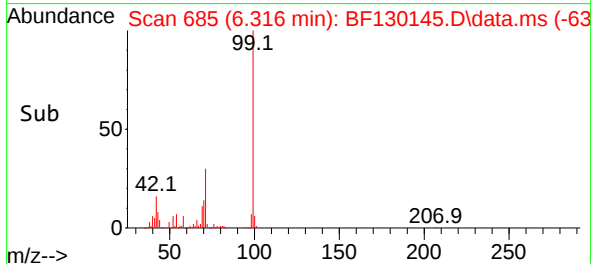
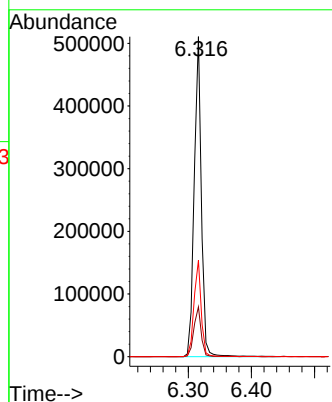
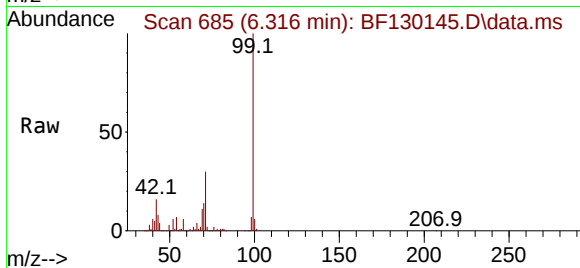




#7
Phenol-d6
Concen: 26.154 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

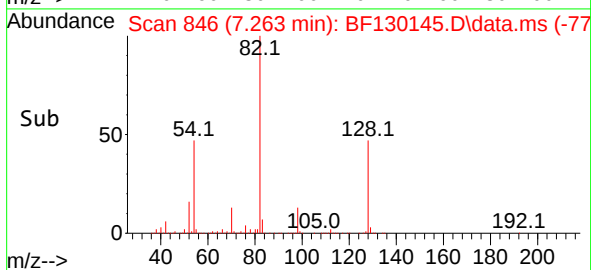
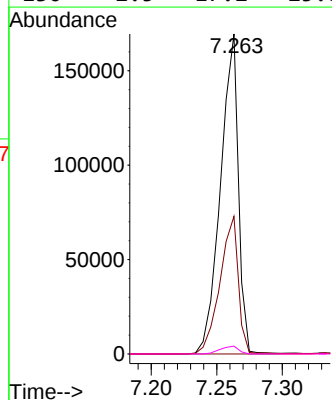
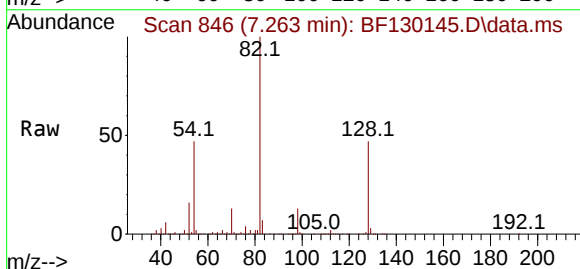
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPERE

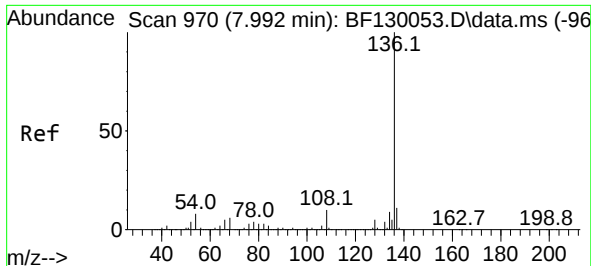
Tgt Ion: 99 Resp: 403351
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.255 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Tgt Ion: 70 Resp: 160310
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

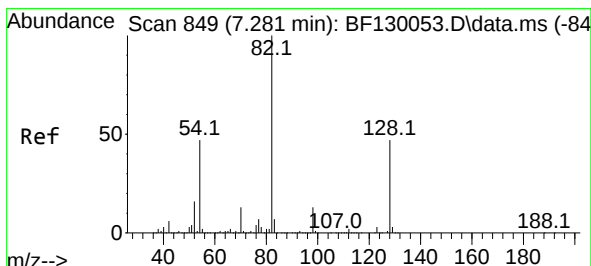
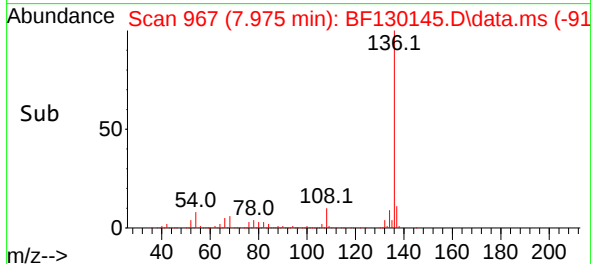
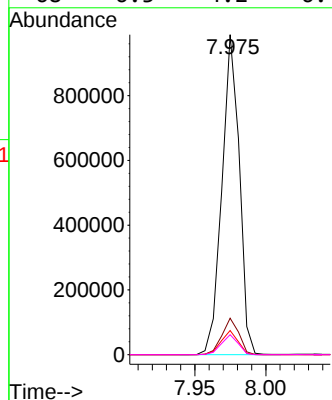
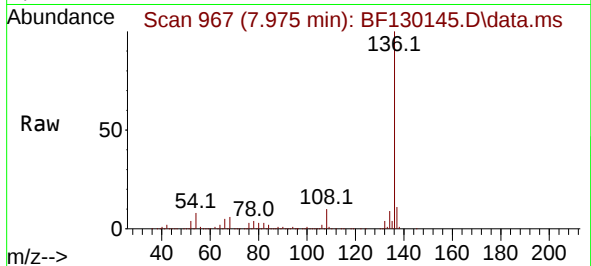




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

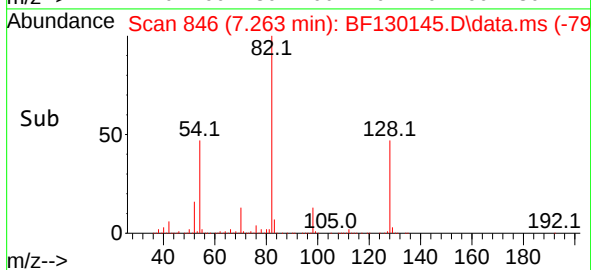
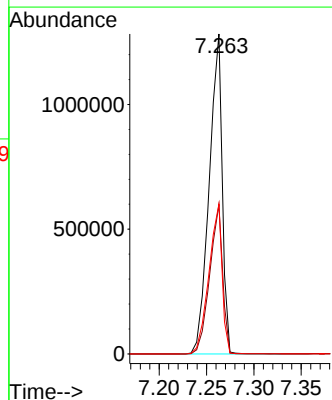
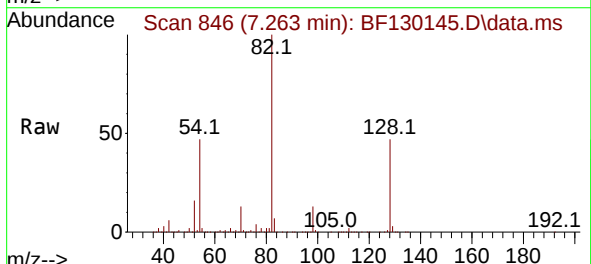
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPERE

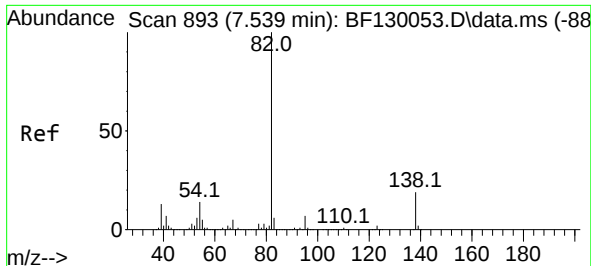
Tgt Ion:136 Resp: 839443
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.6 6.2 9.2
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 94.098 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Tgt Ion: 82 Resp: 1229107
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 46.8 40.0 60.0





#25

Isophorone

Concen: 46.283 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.265 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPERE

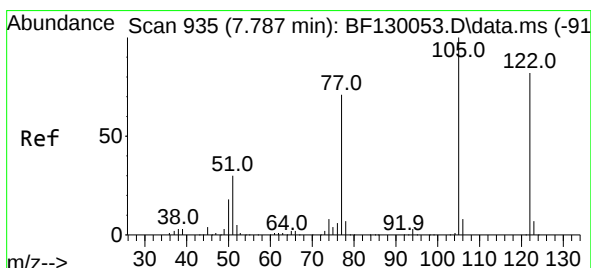
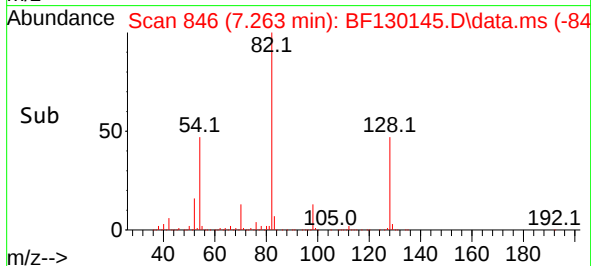
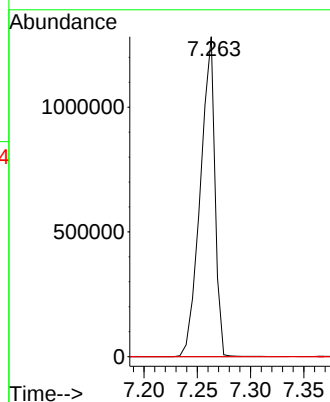
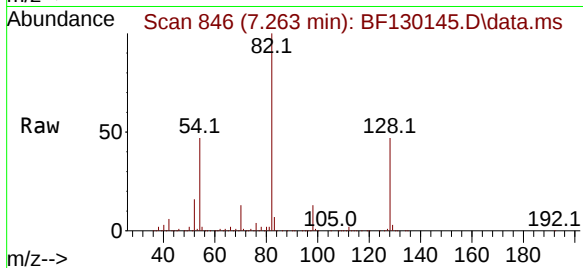
Tgt Ion: 82 Resp: 1223600

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#



#32

Benzoic acid

Concen: 6.579 ng

RT: 7.728 min Scan# 925

Delta R.T. -0.041 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

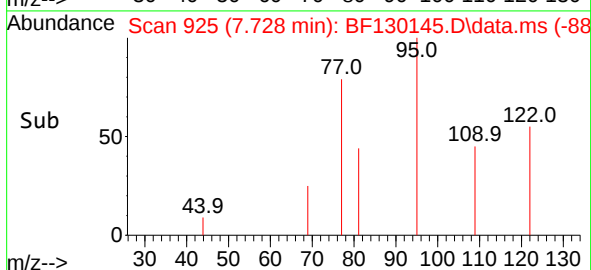
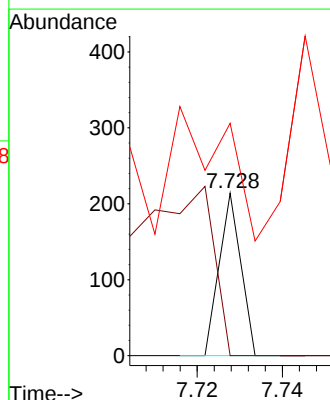
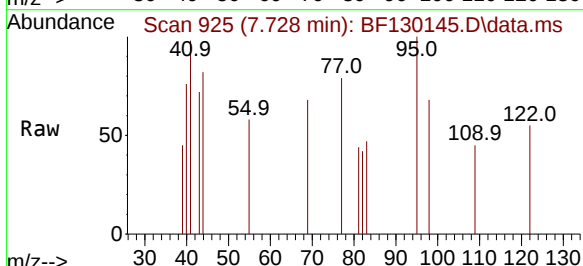
Tgt Ion: 122 Resp: 76

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

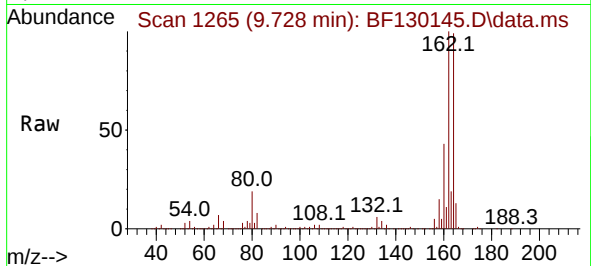
77 143.0 65.9 105.9#



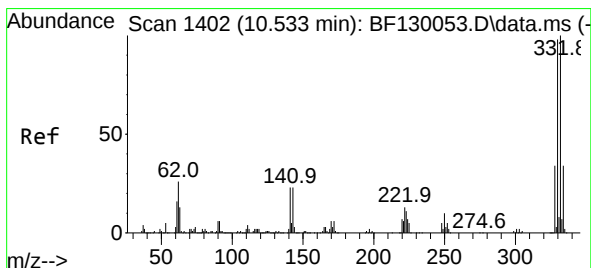
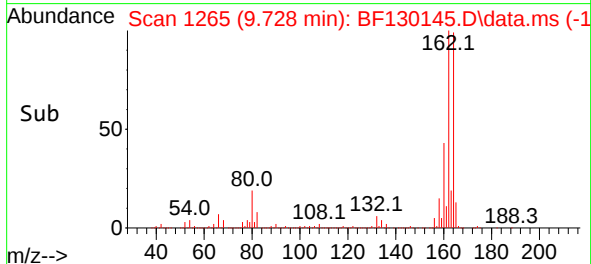
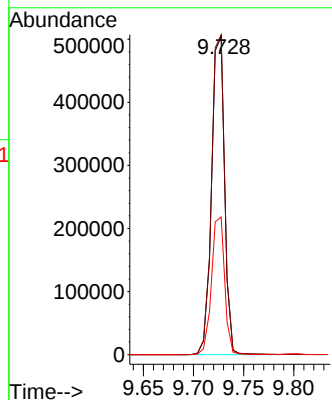


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPERE

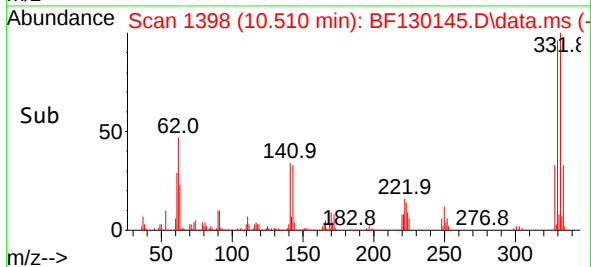
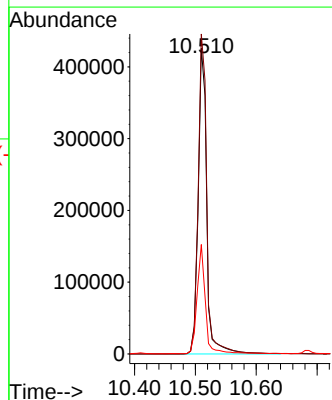
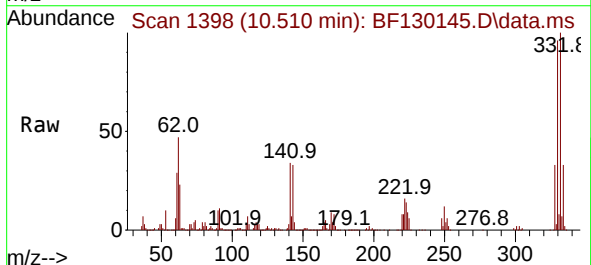


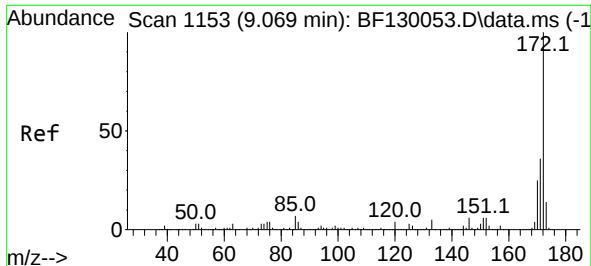
Tgt Ion:164 Resp: 456239
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 43.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 99.781 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Tgt Ion:330 Resp: 414394
Ion Ratio Lower Upper
330 100
332 105.5 82.6 124.0
141 34.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 81.877 ng

RT: 9.057 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPERE

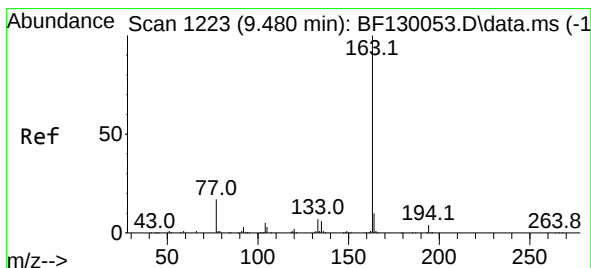
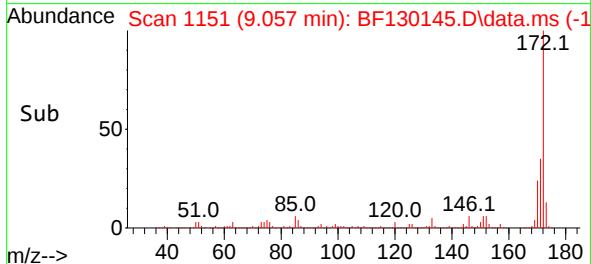
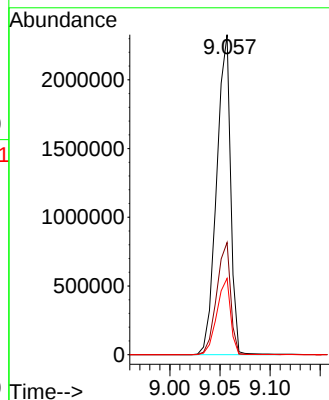
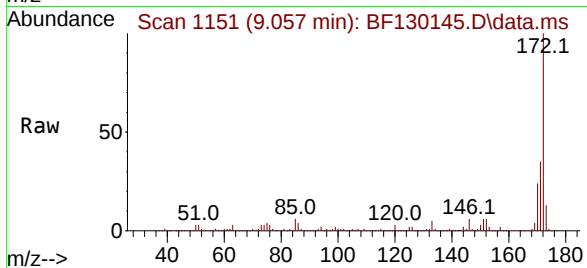
Tgt Ion:172 Resp: 2253104

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.8 19.1 28.7



#50

Dimethylphthalate

Concen: 2.745 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

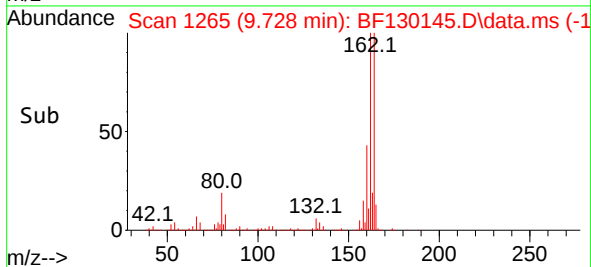
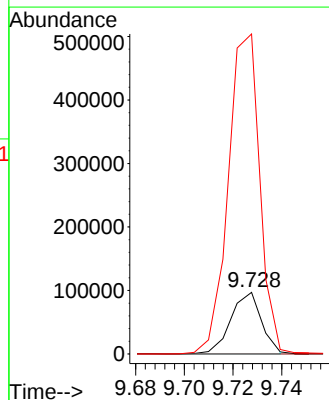
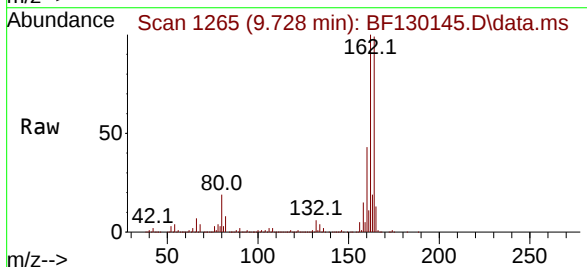
Tgt Ion:163 Resp: 85310

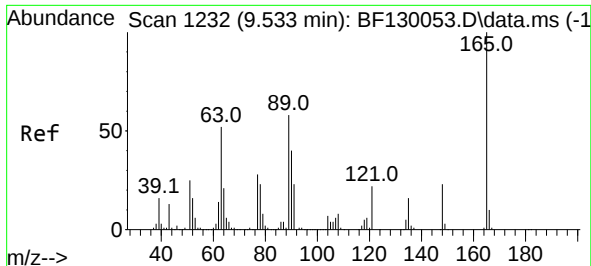
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 519.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 10.085 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

Instrument :

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BASMENT-STAND-PIPERE

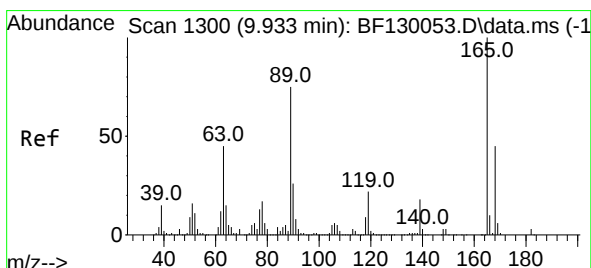
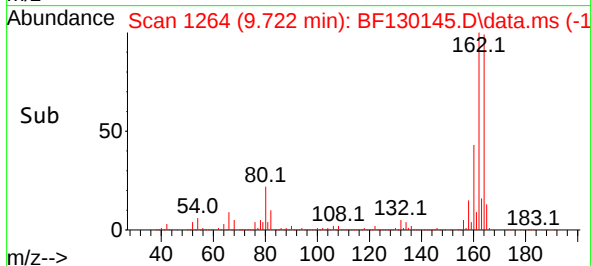
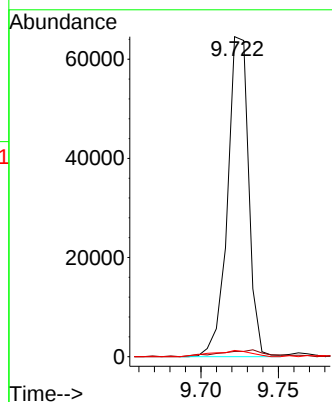
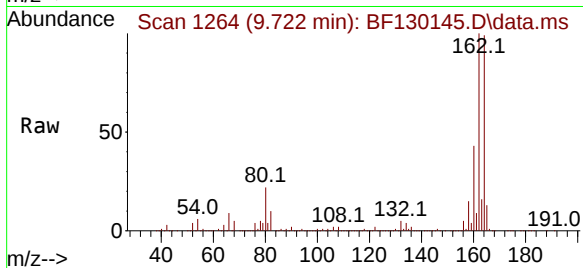
Tgt Ion:165 Resp: 61101

Ion Ratio Lower Upper

165 100

63 1.7 47.8 71.8#

89 1.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.759 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

Tgt Ion:165 Resp: 61101

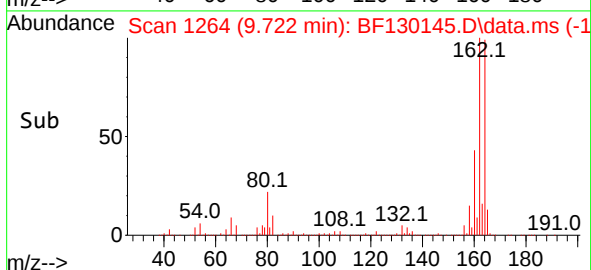
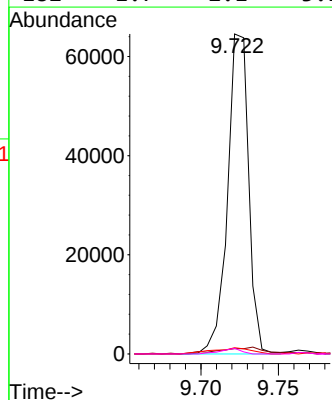
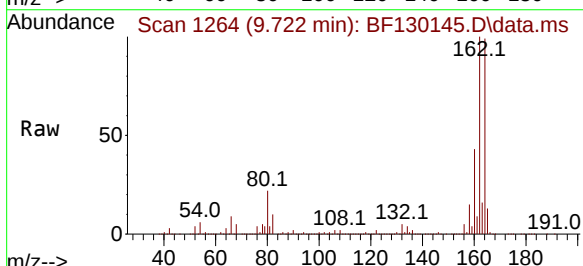
Ion Ratio Lower Upper

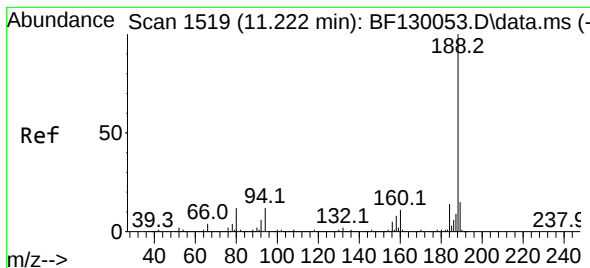
165 100

63 1.7 48.4 72.6#

89 1.9 62.3 93.5#

182 1.7 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPERE

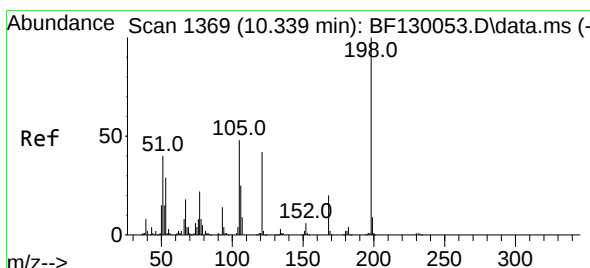
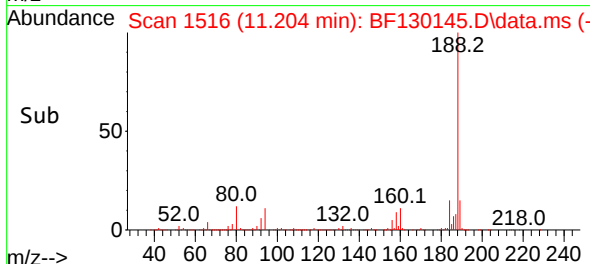
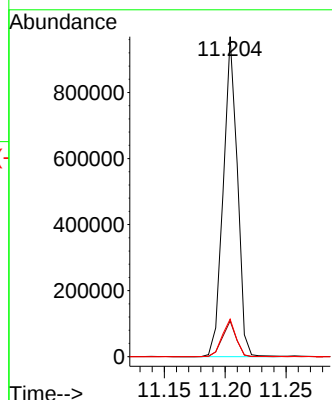
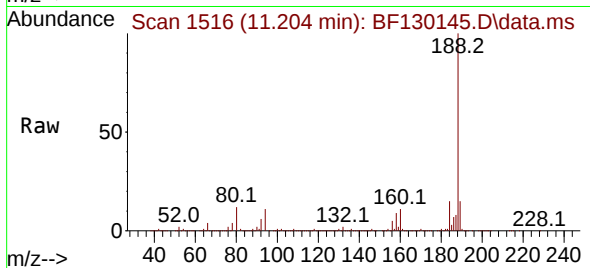
Tgt Ion:188 Resp: 782673

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 11.8 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.310 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130145.D

Acq: 06 Sep 2022 19:14

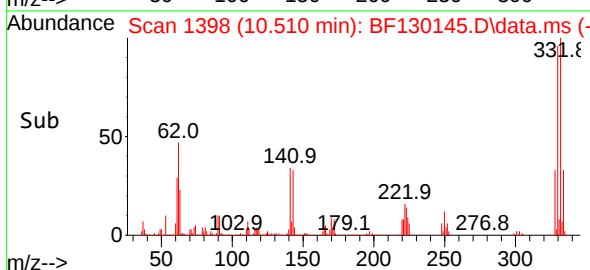
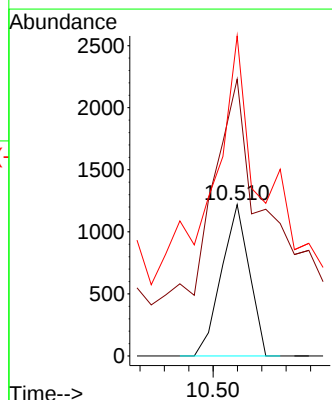
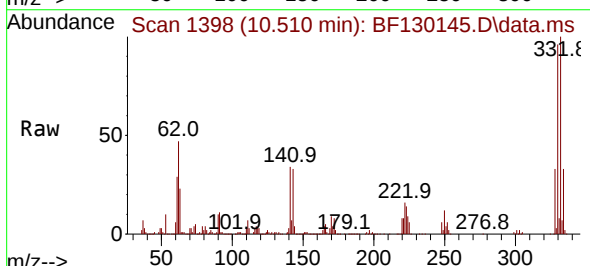
Tgt Ion:198 Resp: 968

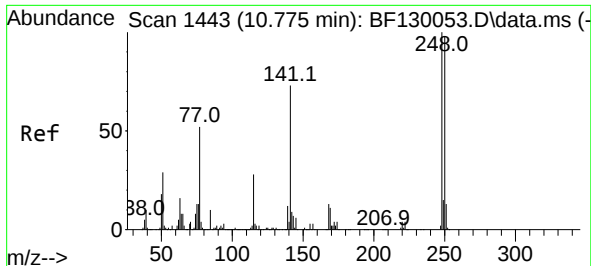
Ion Ratio Lower Upper

198 100

51 182.9 29.4 69.4#

105 211.5 29.2 69.2#

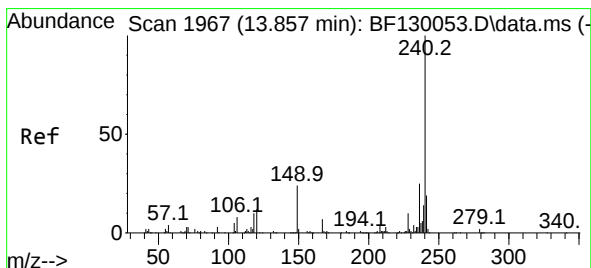
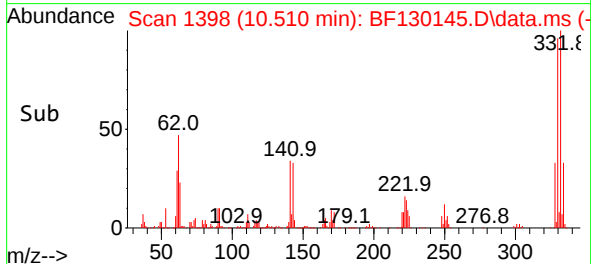
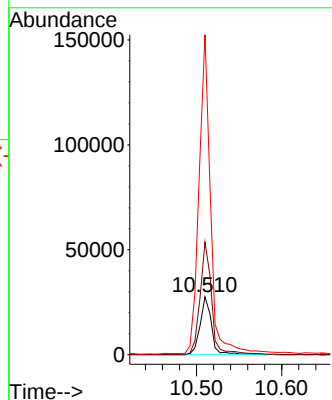
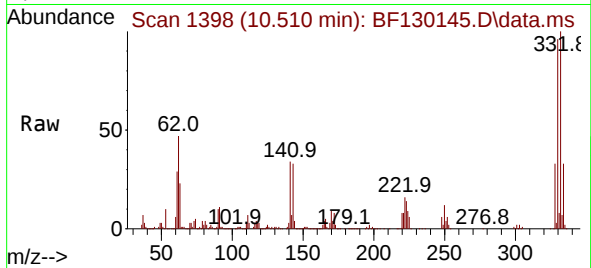




#67
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

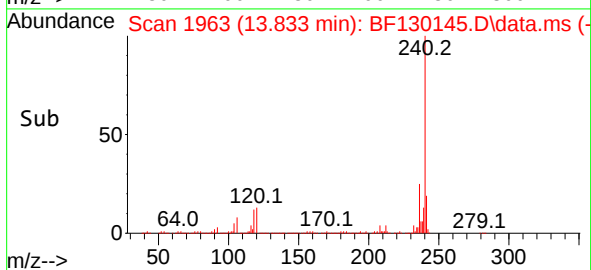
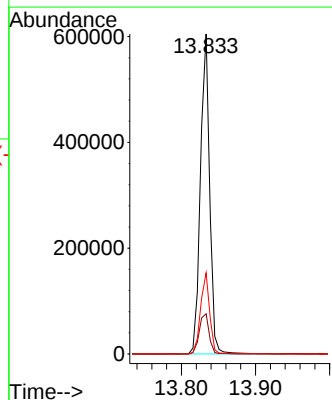
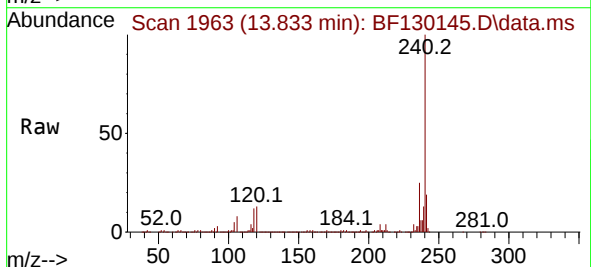
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPERE

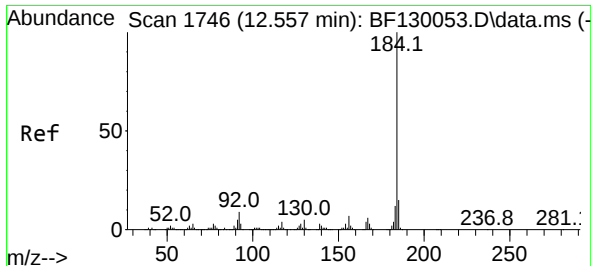
Tgt Ion:248 Resp: 25751
Ion Ratio Lower Upper
248 100
250 194.5 77.8 116.6#
141 552.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Tgt Ion:240 Resp: 520779
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.3 20.7 31.1

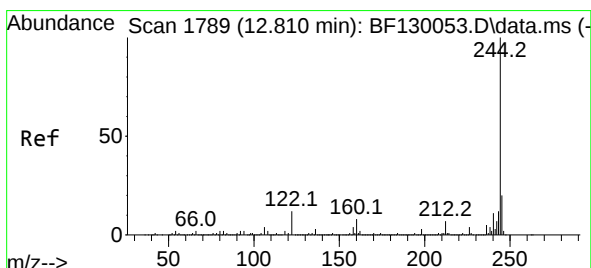
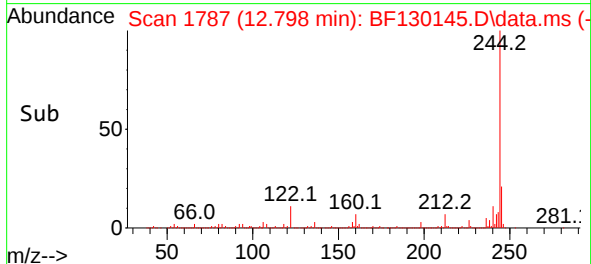
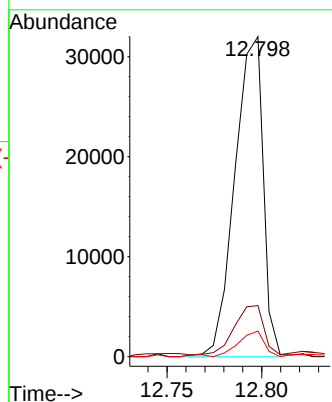
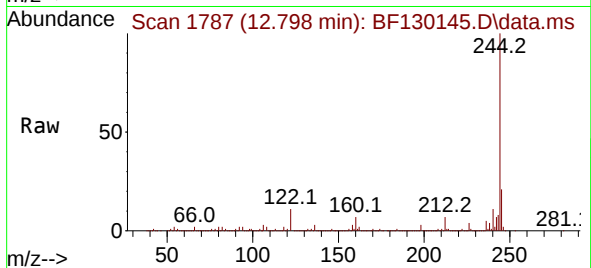




#77
Benzidine
Concen: 2.372 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

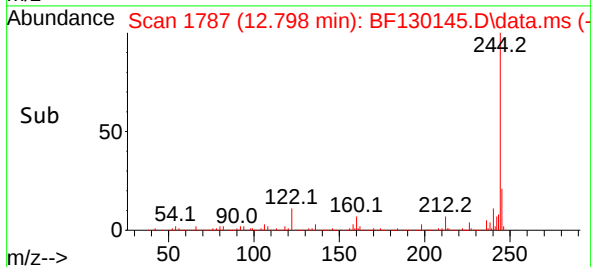
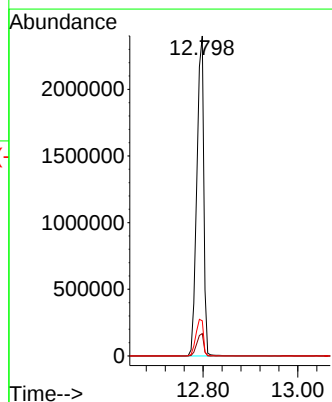
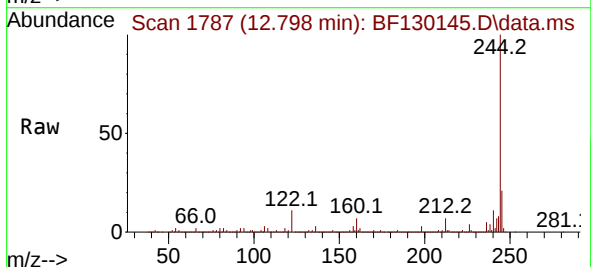
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPERE

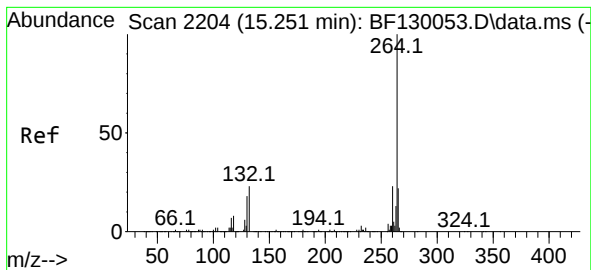
Tgt Ion:184 Resp: 33356
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.2
183 8.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.579 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130145.D
Acq: 06 Sep 2022 19:14

Tgt Ion:244 Resp: 2419876
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130145.D

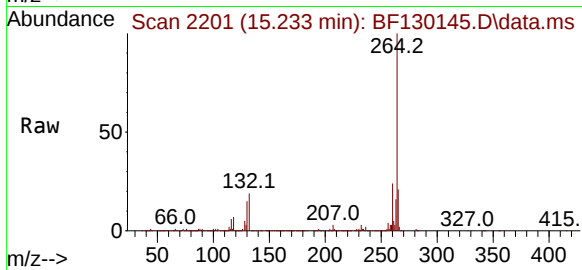
Acq: 06 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPERE



Tgt Ion:264 Resp: 376375

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.5 16.7 25.1

